

IN THE CLAIMS

1 1. (original) A system for recording a sequence of frames of a video,
2 comprising:
3 a plurality of circular buffers, each buffer configured to store the
4 frames in a sequential order;
5 means for selecting a plurality of disjoint sets of frames from the
6 video, there being one set of frames selected for each buffer such that a first
7 set selects a first fraction of the frames, each subsequent set of frames being
8 a smaller fraction than a previous set of frames, and a last set of selected
9 frames including remaining frames; and
10 means for sequentially storing each set of frames in a corresponding
11 buffer.

1 2. (original) The system of claim 1 wherein the circular buffers are disk
2 buffers.

1 3. (original) The system of claim 1 wherein a most recent one of the frames
2 overwrites an oldest one of the frames in a particular buffer when the
3 particular buffer is full.

1 4. (original) The system of claim 2 further comprising:
2 a cache buffer associated with each disk buffer, and wherein the
3 frames are first stored to a corresponding cache buffer, and the cache buffer
4 is written to the associated disk buffer when the corresponding cache buffer
5 is full.

1 5. (original) The system of claim 1 wherein each fraction is an integer power
2 of two.

1 6. (original) The system of claim 1 wherein the video is a time-lapse
2 sequence of frames.

1 7. (currently amended) A method for recording a sequence of frames of a
2 video, comprising the steps of:
3 ~~means for~~ selecting a plurality of disjoint sets of frames from the
4 video, there being one set of frames selected for each buffer such that a first
5 set selects a first fraction of the frames, each subsequent set of frames being
6 a smaller fraction than a previous set of frames, and a last set selected frames
7 including a remaining set of frames; and
8 ~~means for sequentially~~ storing, sequentially, each set of frames in a
9 corresponding buffer.